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**SYMYX TECHNOLOGIES, INC.**
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Date:	July 14, 2005	From:	James H. Ackley Reg. No. 45,695
To:	Mail Stop AMENDMENT Commissioner of Patents P.O. Box 1450 Alexandria, VA 22313-1450	Docket:	2002-061R1
		Fax No:	(703) 872-9306

Number of pages included in this fax: 13

In re Application of:	Chang et. al	Confirmation No.	4543
Serial No.:	10/689,775	Group Art Unit:	1713
Filed:	10/20/03	Examiner:	W. Cheung
For:	Olefin-Hydrophilic Block Copolymers of Controlled Sizes and Methods of Making and Using the Same		

Dear Sir:

Enclosed please find copies of the following documents to be filed regarding the above identified patent application:

- **Transmittal (2 pages in duplicate)**
- **Amendment B (8 pages)**

Please enter these into the file and contact us if necessary.

Respectfully Submitted,
James H. Ackley
Reg. No. 45,695

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Docket No. 2002-061R1
PATENT

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BY:

Suzanne Shadley
Suzanne Shadley

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Chang et. al

Serial No.: 10/689,775

Filed: 10/20/03

For: Olefin-Hydrophilic Block Copolymers
of Controlled Sizes and Methods of
Making and Using the Same

Confirmation No. 4543

Group Art Unit: 1713

Examiner: W. Cheung

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

TRANSMITTAL LETTER

Sir:

Transmitted herewith (check all that apply):

- | | |
|--|--|
| <input type="checkbox"/> Preliminary Amendment | <input type="checkbox"/> Supplemental Information Disclosure Statement |
| <input checked="" type="checkbox"/> Response/Amendment B | <input type="checkbox"/> Petition Under 37 CFR 1.97(d)(2) |
| <input type="checkbox"/> Response/Amendment After Final | <input type="checkbox"/> Formal Drawings |
| <input type="checkbox"/> Supplemental Amendment | <input type="checkbox"/> Declaration Under 37 CFR 1.131 |
| <input type="checkbox"/> Affidavits/Declarations | <input type="checkbox"/> Declaration Under 37 CFR 1.132 |
| <input type="checkbox"/> Declaration and Power of Attorney | <input type="checkbox"/> Terminal Disclaimer |
| <input type="checkbox"/> Supplemental Declaration | <input type="checkbox"/> Small Entity Statement |
| <input type="checkbox"/> Associate Power of Attorney | <input type="checkbox"/> Request for Refund |
| <input type="checkbox"/> Change of Correspondence Address | <input type="checkbox"/> Appeal |
| <input type="checkbox"/> Associate Power of Attorney | <input type="checkbox"/> Petition |
| <input type="checkbox"/> Response to Missing Parts | <input type="checkbox"/> Status Letter |

to be filed in the above-identified patent application.

☒ No fee is required.

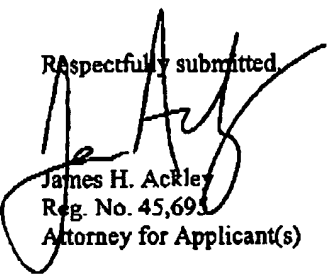
☒ The Commissioner is hereby authorized to charge payment of any additional filing fees required under 37 C.F.R. § 1.16, in connection with the paper(s) transmitted herewith, or credit any overpayment of same, to Deposit Account No. 50-0496.

Date:

7/14/05

Symyx Technologies, Inc.
3100 Central Expressway
Santa Clara, California 95051
Tel.: (408) 720-2598
Fax: (408) 773-4029

Respectfully submitted,


James H. Ackley
Reg. No. 45,693
Attorney for Applicant(s)

Docket No. 2002-061R1
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AMENDMENT B

Sir:

This Amendment B is submitted in response to the Office action dated April 14, 2005. Applicants respectfully request reconsideration of the above-referenced patent application in view of the following amendments and remarks.

Please amend the above-identified application as follows. Amendments to the claims are requested as set forth below in the section entitled "Amendments to the Claims". Remarks relating to such amendments and responsive to the aforementioned Office action follow thereafter in the section entitled "Remarks".